WHAT IS CLAIMED IS:

1 .	1. A directory gatekeeper for performing alternate routing of calls through a plurality
2	of gateway resources, the directory gatekeeper comprising:
3	one or more communication devices providing access to a plurality of resource
4	management gatekeepers, each resource management gatekeeper associated with one or more
5	of the plurality of gateway resources;
6	a memory device storing a list of routes wherein each route is associated with one of
7	the plurality of resource management gatekeepers; and
8	a processor operable to receive a request through the one or more communication
9	devices,
10	wherein in response to a received request, the processor performs alternate routing by
11	selecting a route from the list of routes using the corresponding resource management
12	gatekeeper to determine resource availability.
- 1	2. The directory gatekeeper of claim 1, wherein one of the one or more
2	communication devices provides access to a packet-based network.
1	3. The directory gatekeeper of claim 2, wherein the packet-based network is an
2	Internet protocol (IP) network.
1	4. The directory gatekeeper of claim 1, wherein the one or more communication
2	devices provides access to the public switched telephone network (PSTN).
4	
1	5. The directory gatekeeper of claim 1, wherein performing alternate routing of calls includes:
2	
3	identifying one or more candidate routes based on the received request; and
4	for each of the one or more candidate routes,
5	selecting a candidate route from the one or more candidate routes;
6	determining if the selected candidate route is available; and
7	if the selected candidate route is available, sending a response to the received
8	request indicating that the candidate route is available.

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(NPA).

1	6. The directory gatekeeper of claim 5, wherein performing alternate routing of calls
2	further includes:
3.	if none of the candidate routes are available, sending a response to the received
4	request indicating that the request can not be completed.
1	7. The directory gatekeeper of claim 5, wherein selecting a candidate route from the
2	one or more candidate routes includes selecting the least cost route as the candidate route.
1	8. The directory gatekeeper of claim 5, wherein selecting a candidate route from the
2	one or more candidate routes includes selecting a candidate route from the one or more
3	candidate routes at a predetermined ratio.
1	9. The directory gatekeeper of claim 8, wherein the predetermined ratio is selected
2	such that the likelihood of choosing each of the one or more candidate routes is substantially
3	equal.
1	10. A method for performing alternate routing of calls in a directory gatekeeper, the
2	method comprising:
3	receiving a request to initiate a call;
4	determining a list of possible routes for terminating the call;
5	if a route is available, selecting a route from the list of possible routes by querying
6	one or more resource management gatekeepers;
7	if a route is available, sending a response to the received request to initiate a call
8	indicating the selected route; and
9	if a route is not available, sending a response to the received request to initiate a call
10	indicating that the request will not be completed.
1	11. The method of claim 10, wherein the request includes a telephone number.
1	12. The method of claim 11, wherein the number includes a numbering plan area

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indicating the selected route; and

٠,	13. The method of claim 10, wherein the request to initiate a call is an H.323
2	admission request (ARQ) message.
1 2	14. The method of claim 10, wherein each route in the list of routes is associated with a resource management gatekeeper.
1	15. The method of claim 14, wherein the step of selecting a route from the list of
2	possible routes by querying one or more resource management gatekeepers includes:
3	for each route in the list of possible routes,
4	selecting a candidate route from the list of possible routes; and
5	determining if the selected candidate route is available.
1	16. The method of claim 15, wherein selecting a candidate route from list of possible
2	routes includes selecting the least cost route as the candidate route.
1	17. The method of claim 15, wherein selecting a candidate route from the list of
2	possible routes includes selecting a candidate route from the list of possible routes at a
3	predetermined ratio.
1	18. The method of claim 17, wherein the predetermined ratio is selected such that the
2	likelihood of choosing each of the one or more candidate routes is substantially equal.
1	19. A computer-readable medium including software for performing alternate routing
2	of calls through a plurality of gateway resources, the software configuring a computer to
3	performing a method, the method including:
4	receiving a request to initiate a call;
5	determining a list of possible routes for terminating the call;
6	if a route is available, selecting a route from the list of possible routes by querying
7	one or more resource management gatekeepers;
8	if a route is available, sending a response to the received request to initiate a call

1 2

10	if a route is not available, sending a response to the received request to initiate a call
11	indicating that the request will not be completed.

- 20. The computer-readable medium of claim 19, wherein the request includes a
 telephone number.
- 1 21. The computer-readable medium of claim 20, wherein the number includes a numbering plan area (NPA).
- 22. The computer-readable medium of claim 19, wherein the request to initiate a call is an H.323 admission request (ARQ) message.
 - 23. The computer-readable medium of claim 19, wherein each route in the list of routes is associated with a resource management gatekeeper.